

	9	18	27	36	45	54
5'	CCG TCG CGC ATG CAC AAA CAC AGC TGT CGG AAG GTG CCG AGC CTG AGG CGA ACA	M R K H S C R K V A S L R R T				
	63	72	81	90	99	108
	ATG GCG GAG CTG GGC GAA GCC GAT GAA GCG GAG TTG CAG CGC CTG GTG GCC GCC					
	M A E L G E A D E A E L Q R L V A A					
	117	126	135	144	153	162
	GAG CAG CAG AAG GCG CAG TTT ACT GCA CAG GTG CAT CAC TTC ATG GAG TTA TGT					
	E Q Q K A Q F T A Q V H H F M E L C					
	171	180	189	198	207	216
	TGG GAT AAA TGT GTG GAG AAG CCA GGG AAT CGC CTA GAC TCT CGC ACT GAA AAT					
	W D K C C V E K P G N R L D S R T E N					
	225	234	243	252	261	270
	TGT CTC TCC AGC TGT GTA GAC CGC TTC ATT GAC ACC ACT CTT GCC ATC ACC AGT					
	C L S S C V D R F I D T T L A I T S					

FIGURE 1A

1	M	R	K	H	S	C	R	K	V	A	S	L	R	R	T	M	A	E	L	G	E	A	D	E	A	E	L	Q	R	L	1613785
1	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	E	L	G	E	A	D	E	A	E	L	Q	R	L	96524627
31	V	A	A	E	Q	Q	K	A	Q	F	T	A	Q	V	H	H	F	M	E	L	C	W	D	K	C	V	E	K	P	G	1613785
16	V	A	A	E	Q	Q	K	A	Q	F	T	A	Q	V	H	H	F	M	E	L	C	W	D	K	C	V	E	K	P	G	96524627
61	N	R	L	D	S	R	T	E	N	C	L	S	S	C	V	D	R	F	I	D	T	T	L	A	I	T	S	R	F	A	1613785
46	N	R	L	D	S	R	T	E	N	C	L	S	S	C	V	D	R	F	I	D	T	T	L	A	I	T	S	R	F	A	96524627
91	Q	I	V	Q	K	G	G	Q																						1613785	
76	Q	I	V	Q	K	G	G	Q																						96524627	

FIGURE 2